

PROJECT TITLE : LAUNDRYMAN
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Project Work

Influence of the blend

Statistical data treatment was initiated on the TLA values stored on the APL system.

Multiple linear regressions were performed on 250 samples of flue-cured tobaccos, to investigate possible correlations of various parameters with the CO and CO/(DPM-SN) analytical values. More analysis is needed, but the most significant parameters for the flue-cured tobaccos seem to be the Ca and sugar levels, together with the RTD and the tobacco weight. Comparisons will be made with other tobaccos.

Filler Modifications

Examination of the SPOTLESS-I results (1) showed that the extraction performed involved 50 to 70% of the initial hot water solubles. The CO yields of the standard and the washed tobacco cigarettes can be compared provided that the RTD's of both cigarettes are sufficiently close to each other.

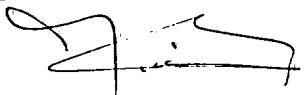
CO reduction appears to be comparable to the weight reduction. On average, the CO/tar ratio was increased by the extraction by about 10%.

In order to further investigate the effect of tobacco extraction on the CO delivery, a series of extractions followed by fractionation of the extract and respraying have been started on the laboratory scale.

REFERENCE

Moser F. Monthly Report February 1981.

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